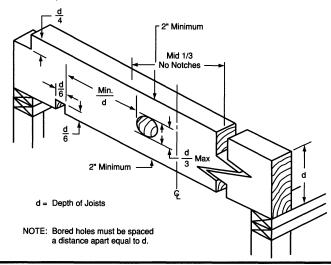


COUNTY OF SAN DIEGO

DEPARTMENT OF PLANNING AND LAND USE BUILDING DIVISION

This sheet portrays the requirements regarding cutting, notching and boring of floor joists and studs contained in Section 2320.8.3 of the 1997 UBC.

A. CUTTING, NOTCHING & BORING OF WOOD FLOOR JOISTS



B. BORED HOLES IN WOOD STUDS (Section 2320.11.10)

Bearing Walls

Any wood stud may be bored not in excess of 40% of the stud width. Borings shall not be made at the same section of a stud where a cut or notch has been made

Table No. 1	Stud	Max. Diameter	Min. Edge Distance
	Size	of Bored Hole	After Boring
Non Rooring Walls	2" x 4" 2" x 6"	1-3/8" 2-3/16"	5/8" each side of hole 5/8" each side of hole

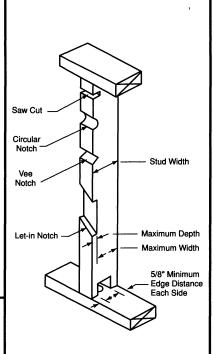
Studs may be bored not in excess of 60% of the stud width in either (1) non bearing stud walls, or (2) bearing walls where studs are doubled and not more than two such successive doubled studs are so bored.

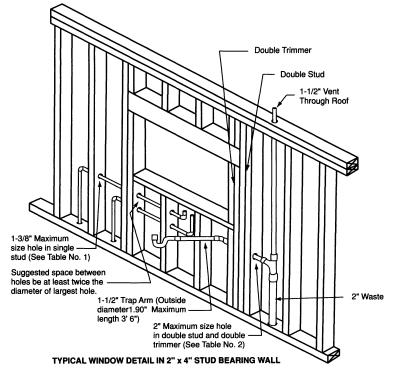
Borings shall not be made at the same section where a cut or notch has been made

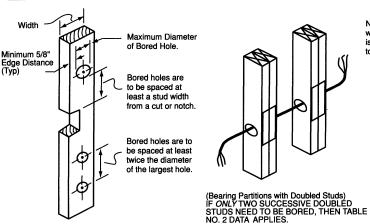
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Table No. 2	Stud Size	Max. Diameter of Bored Hole	Min. Edge Distance After Boring
	2" x 3" 2" x 4" 2" x 6"	1-1/4" * 2" 3-1/4" Edge Distance Controls	5/8" each side of hole 5/8" each side of hole 5/8" each side of hole

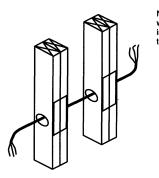
C. CUTTING AND NOTCHING WOOD STUDS (Section 2320.11.9)

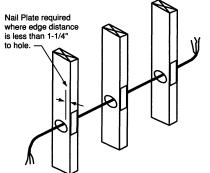
Bearing Walls	Stud	Max. Depth of	Min. Wood Width
Table No. 3	Size	Edge Cut or Notch	Remaining After Cut or Notch
	2" x 4"	7/8"	2-5/8"
	2" x 6"	1-3/8"	4-1/8"
Non Bearing Walls	Stud	Max. Depth of	Min. Wood Width
Table No. 4	Size	Edge Cut or Notch	Remaining After Cut or Notch
	2" x 3"	1"	1-1/2"
	2" x 4"	1-3/8"	2-1/8"
	2" x 6"	2-1/8"	3-3/8"











IF ANY NUMBER OF SINGLE STUDS OR DOUBLED STUDS IN NON BEARING PARTITIONS NEED TO BE BORED, THEN TABLE NO. 2 DATA APPLIES.

DPLU#013 (12/99)

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